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| FORM PTO-1449   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>AUROBIO.026DV2 | APPLICATION NO.<br>09/804,580 |
| P SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT |  | APPLICANT<br>Maher, et al.         |                               |
| (USE SEVERAL SHEETS IF NECESSARY)                               |  | FILING DATE<br>March 12, 2001      | GROUP<br>1743                 |

## **U.S. PATENT DOCUMENTS**

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## **FOREIGN PATENT DOCUMENTS**

**EXAMINER  
INITIALS**

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

2. González, J.E., et al., "Cell-based assays and instrumentation for screening ion-channel targets", *Drug Discover Today*, Vol. 4, No. 9, pp. 431-439, (September 1999).

3. González, J.E., et al., "Voltage sensing by fluorescence resonance energy transfer in single cells", *Biophysical Journal*, Vol. 69, No. 4, pp. 1272-1280, (October 1995).

4. Giuliano, K.A., et al., "Fluorescent protein bioassays: new tools for drug discovery", *Trends In Biotechnology*, Vol. 16, No. 3, pp. 125-130, (March 1998).

**EXAMINER**

Don Rudolf

**DATE CONSIDERED**

4/11/03

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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| O I P E<br>AUG 1 3 2001<br>PATENT & TRADEMARK OFFICE |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>AUROBIO.026DV2 | APPLICATION NO.<br>09/804,580 |
| INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT     |  | RECEIVED<br>AUG 14 2001<br>TC 1700                         |                                    |                               |
| (USE SEVERAL SHEETS IF NECESSARY)                    |  | FILING DATE<br>March 21, 2001                              | GROUP<br>1743                      |                               |

| U.S. PATENT DOCUMENTS |                 |          |                  |       |          |                              |  |
|-----------------------|-----------------|----------|------------------|-------|----------|------------------------------|--|
| EXAMINER INITIAL      | DOCUMENT NUMBER | DATE     | NAME             | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |  |
| DAN                   | 4,072,578       | 2/7/78   | Cady, et al.     | 195   | 127      |                              |  |
| DAN                   | 4,514,500       | 4/30/85  | Giaeever, et al. | 435   | 241      |                              |  |
| DAN                   | 4,461,304       | 7/24/84  | Kuperstein       | 128   | 642      |                              |  |
| DAN                   | 4,628,933       | 12/16/86 | Michelson        | 128   | 4192     |                              |  |
| DAN                   | 4,677,989       | 7/7/87   | Robblee          | 128   | 784      |                              |  |
| DAN                   | 4,969,468       | 11/13/90 | Byers, et al.    | 128   | 642      |                              |  |
| DAN                   | 5,024,233       | 6/18/91  | Chow             | 128   | 4192     |                              |  |
| DAN                   | 5,178,161       | 1/12/93  | Kovacs           | 128   | 284      |                              |  |
| DAN                   | 5,187,096       | 2/16/93  | Giaeever, et al. | 435   | 291      |                              |  |
| DAN                   | 5,405,367       | 4/11/95  | Schulman, et al. | 607   | 61       |                              |  |
| DAN                   | 5,432,086       | 7/11/95  | Fränzl, et al.   | 435   | 291      |                              |  |
| DAN                   | 5,439,440       | 8/8/95   | Hofmann          | 604   | 20       |                              |  |
| DAN                   | 5,545,130       | 8/13/96  | Hofmann, et al.  | 604   | 4        |                              |  |
| DAN                   | 5,563,067       | 10/8/96  | Sugihara, et al. | 435   | 287.1    |                              |  |
| DAN                   | 5,571,158       | 11/5/96  | Bolz, et al.     | 607   | 121      |                              |  |
| DAN                   | 5,810,725       | 9/22/98  | Sugihara, et al. | 600   | 372      |                              |  |
| DAN                   | 5,855,801       | 1/5/99   | Lin, et al.      | 216   | 2        |                              |  |
| DAN                   | 5,935,155       | 8/10/99  | Humayun, et al.  | 607   | 54       |                              |  |
| DAN                   | 5,957,958       | 9/28/99  | Schulman, et al. | 607   | 56       |                              |  |
| DAN                   | 5,965,452       | 10/12/99 | Kovacs           | 436   | 149      |                              |  |
| DAN                   | 5,981,268       | 11/9/99  | Kovacs, et al.   | 435   | 287.1    |                              |  |
| DAN                   | 6,008,038       | 12/28/99 | Kröger, et al.   | 435   | 285.2    |                              |  |
| DAN                   | 6,009,347       | 12/28/99 | Hofmann          | 604   | 21       |                              |  |
| DAN                   | 6,024,702       | 2/15/00  | Iversen          | 600   | 378      |                              |  |
| DAN                   | 6,031,711       | 2/29/00  | Tennent, et al.  | 361   | 303      |                              |  |
| DAN                   | 6,038,478       | 3/14/00  | Yuen, et al.     | 607   | 74       |                              |  |

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| EXAMINER <i>Dan Ruby</i> | DATE CONSIDERED <i>4/11/03</i> |
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| O I P E<br>AUG 13 2001<br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br>INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT<br>(USE SEVERAL SHEETS IF NECESSARY) |  | ATTY. DOCKET NO.<br>AUROBIO.026DV2 | APPLICATION NO.<br>09/804,580 |
|   |  | APPLICANT<br>Maher, et al.         |                               |
|   |  | FILING DATE<br>March 21, 2001      | GROUP<br>1743                 |

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## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE    | NAME            | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|------------------|----|-----------------|---------|-----------------|-------|----------|------------------------------|
| DAR              | 27 | 6,046,002       | 4/4/00  | Davis, et al.   | 435   | 6        |                              |
| DAR              | 28 | 6,051,422       | 4/18/00 | Kovacs, et al.  | 435   | 287.1    |                              |
| DAR              | 29 | 6,063,260       | 5/16/00 | Olesen, et al.  | 205   | 793      |                              |
| DAR              | 30 | 6,099,960       | 8/8/00  | Tennent, et al. | 428   | 367      |                              |
| DAR              | 31 | 6,205,016       | 3/20/01 | Niu             | 361   | 503      |                              |

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| EXAMINER INITIAL |    | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|------------------|----|-----------------|----------|---------|-------|----------|-------------|----|
|                  |    |                 |          |         |       |          | YES         | NO |
| DAR              | 32 | WO97/05922      | 2/20/97  | PCT     | —     | —        |             |    |
| DAR              | 33 | WO00/25121      | 5/4/00   | PCT     | —     | —        |             |    |
| DAR              | 34 | WO00/68686      | 11/16/00 | PCT     | —     | —        |             |    |
| DAR              | 35 | 1 067 378 A1    | 1/10/01  | EPO     | —     | —        |             |    |

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| DAR              | 36   | Arndts, Oral Presentation Abstract, Second International Cell Analysis Products Users Meeting in Hilton Head Island, South Carolina, USA (June 3-5, 1998). |
| DAR              | 37   | Barr and Plonsey, Biophys. J. 61, 1164-1175 (1992).  |
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| DAR              | 41   | Eppich et al., Nature Biotech. 18, 882-887 (2000).   |
| DAR              | 42   | Greenberg, et al. IEEE 46, 505-514 (1999).   |
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| DAR              | 46   | Klee and Plonsey, IEEE 23, 347-354 (1976).   |
| DAR              | 47   | Mitchell et al., J. Biomed. Eng. 14, 52-56 (1992).   |

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| EXAMINER   | <i>Darrel Rader</i> | DATE CONSIDERED | <i>4/11/03</i> |
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| <p style="text-align: right;">Q.I.P.F.</p> <p><b>AUG 13 2001</b></p> <p><b>PATENT &amp; TRADEMARK OFFICE</b></p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(USE SEVERAL SHEETS IF NECESSARY)</p> | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>AUROBIO.026DV2 | APPLICATION NO.<br>09/804,580 |
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| BTR              | 49   | Plonsey, Med. & Biol. Eng. & Comput. 33 337-340 (1995).             |  |
| DMR              | 50   | Plonsey and Barr, IEEE 42 329-336 (1995).                           |  |
| DMR              | 51   | Plonsey and Barr, IEEE 9/10 130-137 (1998).                         |  |
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| DMR              | 53   | Roth, Critical Reviews in Biomed. Eng. 22 263-305 (1994).           |  |
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| BMR              | 59   | Tung et al., Circulation Research 69 722-730 (1991).                |  |
| JDR              | 60   | Zhou, et al., Circulation Research 83 1003-1014 (1998).             |  |

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| EXAMINER<br><i>Elson Riedy</i>   | DATE CONSIDERED<br><i>4/11/03</i> |
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